9. (Amended) A method of trimming a parametric surface comprising:

mapping a trimming texture on the parametric surface to create a trimmed section

and a rendered section, the trimming texture being mapped by texture mapping; and

rendering the parametric surface based on an application of the trimming texture to

produce a plurality of polygons approximating the parametric surface.

11. (Amended) An article comprising a computer-readable medium that stores

instructions for use in trimming a parametric surface, the instructions for causing the

computer to:

apply a trimming texture based on a trimming curve to the parametric surface, the

trimming texture being applied by texture mapping the trimming texture onto the

parametric surface.

18. (Amended) An article comprising a computer-readable medium that stores

instructions for use in trimming a parametric surface, the instruction for causing the

computer to:

map a trimming texture on the parametric surface to create a trimmed section and a

rendered section, the trimming texture being mapped by texture mapping; and

render the parametric surface based on an application of the trimming texture to

produce a plurality of polygons approximating the parametric surface.

20. (Amended) An apparatus for use in trimming a parametric surface, comprising:

a memory which stores computer instructions; and

a processor that executes the computer instructions to:

apply a trimming texture based on a trimming curve to the parametric surface, the trimming texture being applied by texture mapping the trimming texture onto the parametric surface.

25. (Amended) The apparatus of claim 21, further comprising instructions for causing the computer to:

draw a material texture on the parametric surface based on the trimming texture.

27. (Amended) An apparatus comprising a computer-readable medium that stores instructions for use in trimming a parametric surface, the instruction for causing the computer to:

map a trimming texture on the parametric surface to create a trimmed section and a rendered section; and

render the parametric surface based on an application of the trimming texture to produce a plurality of polygons approximating the parametric surface.

29. (Amended) A method for use in rendering images from data for an original three-dimensional model, comprising:

obtaining a trimming texture based on a trimming curve for the three-dimensional

model;

applying the trimming texture to the three-dimensional model, the trimming texture

being applied by texture mapping the trimming texture onto the parametric surface; and

rendering an image based on the three-dimensional model.--